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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/492,863	01/27/2000	Haim Zyi Melman		1494

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01/31/2002

EXAMINER

ALAM, SHAHID AL

ART UNIT      PAPER NUMBER

2172

DATE MAILED: 01/31/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/492,863

Applicant(s)

MELMAN, HAIM ZYI

Examiner

Shahid Al Alam

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 January 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### DETAILED ACTION

1. The application has been examined. Claims 1 – 11 are pending in this office action.

#### *Priority*

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

#### *Information Disclosure Statement*

3. The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609 A(1) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the references have been cited by the examiner on form PTO-892, they have not been considered.

#### *Specification*

4. The disclosure is objected to because of the following informalities:

In the specification, page 1, line 5, examiner could not extract the meaning of the term, "מכשיר ושיטה לאחזור מסמכים." Examiner requests to delete this term or to clarify the term in proper English language format.

In the specification, page 14, line 14, examiner could not extract the meaning of the word, "relater".

In the specification, page 14, line 27, examiner could not extract the meaning of the term, "Which Title? window 232."

The applicant is advised to please revise carefully entire specification for correctness.

Appropriate correction is required.

### ***Claim Objections***

5. Claims 1 and 7 are objected to because of the following informalities:

The claim 1 and 7 seem to be literal translation from a foreign language. The materials presented do not have a clean flow, rather interrupted with so many "and". The applicant is advised to please rewrite the claims with a free flow for better presentation of the subject. The applicant is further advised to use lower case letter at the beginning of each component of the principal claim. There is a spelling error in claim 1, line 7, after the term "typing at," the word "lease" is incorrect.

The correction should be for example:

A method for retrieving a document for display on a computer comprising the step of:

associating a string of characters with the address of a document,

registering the string and the associated address in a database,

typing at least . . .

looking-up for . . . . . of said string, and

displaying the document specified by said address.

Claims should be on a separate sheet.

Appropriate correction is required.

The following guidelines illustrate the preferred layout and content for patent applications. These guidelines are suggested for the applicant's use.

#### Arrangement of the Specification

The following order or arrangement is preferred in framing the specification and, except for the reference to the drawings, **each of the lettered items should appear in upper case**, without underling or bold type, as section headings. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) Title of the Invention.
- (b) Cross-Reference to Related Applications.
- (c) Statement Regarding Federally Sponsored Research or Development.
- (d) Reference to a "Sequence Listing," a table, or a computer program listing appendix submitted on compact disc (see 37 CFR 1.52(e)(5)).
- (e) Background of the Invention.
  - 1. Field of the Invention.
  - 2. Description of the Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (f) Brief Summary of the Invention.
- (g) Brief Description of the Several Views of the Drawing(s).
- (h) Detailed Description of the Invention.
- (i) Claim or Claims (commencing on a separate sheet).
- (j) Abstract of the Disclosure (commencing on a separate sheet).
- (k) Drawings.
- (l) Sequence Listing, if on paper (see 37 CFR 1.821-1.825).

***Claim Rejections - 35 USC § 112***

6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claims 7 – 11 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite in that it fails to point out what is included or excluded by the claim language.

This claim is an omnibus type claim.

The claim does not end with a period "." And thus the sentence has not been completed.

Claims 8 and 9 are dependent on claim 7 and are rejected for the ground of dependency.

For claims 10 and 11, the scope cannot be determined. It is unclear what "hereinabove" means.

***Claim Rejections - 35 USC § 103***

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 1 – 4 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Number 6,032,145 issued to Christopher Beall et al. ("Beall") and further in view of U.S. Patent Number 5,895,462 issued to Yasuyuki Toki ("Toki").

With respect to claims 1 and 10, Beall teaches a method for retrieving a document for display on a computer (column 1, lines 7 – 11) comprising the step of:

typing at least a part of string in a window (100 of Figure 2(a), column 4, line 57 and column 7, lines 31 – 34),

looking-up for said string in the database using said at least part of said string (column 5, lines 10 – 14),

displaying the document specified by said address (column 6, lines 42 – 48 and Figures 3 and 4).

Beall does not explicitly teach associating a string of characters with the address of a document and registering the string and the associated address in a database.

Toki discloses the steps of associating a string of characters with the address of a document (column 8, lines 37 – 39) and registering the string and the associated address in a database (column 8, lines 32 – 33).

It would have been obvious to a person of ordinary skill in the art at the time of the invention was made to combine Toki with Beall to make the system more user-friendly. Toki allows the user to access various items of information in information services without operating a keyboard and a mouse through complex sequences (column 2, lines 35 – 38, Toki).

With respect to claim 2, Beall teaches that the user types string of characters in a query window of a search interface (column 4, lines 57 – 60, Figure 2(a), number 100).

With respect to claim 3, Toki teaches control characters are used to indicate that the string is generated for the purpose of associating an address of a document (column 7, lines 13 – 24).

With respect to claim 4, Toki teaches control characters are used to indicate that a document associated with a string should be open (column 7, lines 18 – 22).

10. Claims 5 – 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Number 6,032,145 issued to Christopher Beall et al. ("Beall") and U.S. Patent Number 5,895,462 issued to Yasuyuki Toki ("Toki") as applied to claim 1 above, and further in view of U.S. Patent Number 5,987,454 issued to Allen Hobbs ("Hobbs").

With respect to claims 5 and 6, Beall and Toki do not explicitly indicate the claimed button wherein a button is used to indicate that the string is generated for the purpose of associating an address of a document and that a document associated with a string should be open.

Hobbs teaches a button is used to indicate that the string is generated for the purpose of associating an address of a document and that a document associated with a string should be open (column 23, lines 2 – 9).

It would have been obvious to a person of ordinary skill in the art at the time of the invention was made to combine Beall, Toki and Hobbs to make the system more user-friendly. Hobbs suggests that one or more kinds of expert judgment data may be used to selectively retrieve the information that fits users need (col. 7, lines 10-15) and provides a system that dynamically augment an information index (col. 7, lines 34-50).



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Hobbs, when incorporated in a combination, enhances the system by allowing a user search for the information of interest with undue waste of time and labor (col. 9, lines 18-20, Hobbs).

Toki allows the user to access various items of information in information services without operating a keyboard and a mouse through complex sequences (column 2, lines 35 – 38, Toki)

***Claim Rejections - 35 USC § 102***

11. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

12. Claims 7 – 9 and 11 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent Number 6,032,145 issued to Christopher Beall ("Beall").

With respect to claims 7 and 11, Beall teaches an apparatus for search and retrieval of documents comprising a computer, a database and a directory (column 1, lines 7 – 11 and column 4, lines 10 – 18),

said database contains at least one query in the form of at least one term (column 4, lines 57 – 60),

said database is split to at least two sections (Figure 3, column 6, lines 43 – 45), each section is associated with an entry of said directory (Figure 3, column 6, lines 51 – 55), and

by selecting an entry in said directory the user also specifies the section of said database (column 6, lines 53 – 55),

As to claim 8, the step of updating only the specified database with keywords (Beall: column 3, lines 42 – 46 and column 7, lines 31 – 34).

As to claim 9, the step of updating only the specified database with queries (Beall: column 7, lines 31 – 34).

### ***Conclusion***


13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. U.S. Patent 5,454,105 issued to Atsushi Hatakeyama: a system for searching and retrieving a document containing a specific character string.

**Contact Information**

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shahid Al Alam whose telephone number is (703) 305-2358. The examiner can normally be reached on Monday - Thursday 8:00 A.M. to 4:30 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached on (703) 305-4393. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-7239 for regular communications and (703) 746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

  
Shahid Al Alam  
Examiner, Art Unit 2172  
January 28, 2002